Typical Transducer Specifications

* Tension Range: Supplied to Customer’s requirements.
* Contact Elements: To fit application.
* Operating Temperature: 70 ± 25 F. (Special ranges available)
* Connecting Terminals: 5 pin Amphenol plug or terminated ends.
* Excitation Voltage: 4-10 VDC.
* Bridge Resistance: 350 ohms nominal.
* Output Signal: 1.0 - 2.0 mv/V nominal.
* Resistance to Ground: Exceeding 500 Megaohms.
* Zero Balance: Less than 1.5% FS
* Drift at Midpoint: 0.2%
* Noise Level: Less than 0.2%
* Linearity: 0.5%
* Combined Linearity & Hysteresis: ± 0.75%
* Total Error: 1% FS
* Overload Tension: 50% Overated
* Shielded Cable: 10' standard length.

**Application Note:**
Roller configuration adjustable to meet specific applications. For optimum accuracy evenly guide material over pulley with a minimum wrap angle of 12°. For best accuracy keep wrap angle as consistent as possible.

![Diagram of cantilever load cell with 5.5" long tape roller]